WHAT IS CLAIMED IS:

- 1. An electrophoretic display comprising a plurality of cells which are filled with an electrophoretic suspension and are sealed with a polymeric sealing layer, said display is driven by an energy field.
- 2. The display of Claim 1 wherein said electrophoretic composition comprises charged particles dispersed in a dielectric solvent or solvent mixture.
- 3. The display of Claim 1 wherein said energy field is an electric field.
- 4. The display of Claim 1 wherein said polymeric sealing layer is formed from a composition comprising a material selected from a group consisting of polyvalent acrylate or methacrylate, cyanoacrylates, polyvalent vinyl including vinylbenzene, vinylsilane, vinylether, polyvalent epoxide, polyvalent isocyanate, polyvalent allyl, and oligomers or polymers containing crosslinkable functional groups.
- 5. The display of Claim 4 wherein said composition for forming the polymeric sealing layer further comprises a polymer or oligomer.
- 6. The display of Claim 5 wherein said polymer or oligomer is soluble in said composition.
- 7. The display of Claim 4 wherein said composition further comprises an additive.
 - 8. An electrophoretic display comprising:
 - a) one top electrode plate and one bottom electrode plate, at least one of which is transparent; and

- b) a plurality of cells enclosed between the two electrodes, said cells which are filled with an electrophoretic suspension comprising charged particles dispersed in a dielectric solvent or solvent mixture and sealed with a polymeric sealing layer placed between said electrophoretic suspension and one of the electrode plates.
- 9. The display of Claim 8 in which the electrode plate with the sealing layer is the top electrode plate and is the viewing side, whereby both said top electrode plate and sealing layer are transparent.
- 10. The display of Claim 9 further comprising an adhesive layer between the sealing layer and top electrode plate.
- 11. The display of Claim 8 wherein said sealing layer is a polymeric layer.
- 12. The display of Claim 11 wherein said polymeric sealing layer is formed from a material selected from a group consisting of polyvalent acrylate or methacrylate, cyanoacrylates, polyvalent vinyl including vinylbenzene, vinylsilane, vinylether, polyvalent epoxide, polyvalent isocyanate, polyvalent allyl, and oligomers or polymers containing crosslinkable functional groups.
- 13. The display of Claim 10 wherein said adhesive layer is a pressure sensitive adhesive, a hot melt adhesive, a heat, moisture or radiation curable adhesive.
- 14. The display of Claim 10 wherein said sealing and adhesive layers are formed from different materials.

- 15. The display of Claim 10 wherein said sealing and adhesive layers are formed from the same material.
- 16. The display of Claim 15 wherein said material is a radiation curable material.
- 17. The display of Claim 8 in which the bottom electrode plate on the opposite side of the sealing layer is the viewing side, whereby said bottom electrode plate is transparent.
- 18. The display of Claim 17 further comprising an adhesive layer between the sealing layer and the top electrode plate.
- 19. The display of Claim 18 wherein said adhesive layer is a pressure sensitive adhesive, a hot melt adhesive, a heat, moisture or radiation curable adhesive.
- 20. The display of Claim 18 wherein said sealing and adhesive layers are formed from different materials.
- 21. The display of Claim 18 wherein said sealing and adhesive layers are formed from the same material.
- 22. The display of Claim 21 wherein said material is a radiation curable material.
- 23. A process for manufacturing an electrophoretic display comprising imagewise exposure through a photomask which moves at the same speed as a web substrate.
- 24. The process of Claim 23 wherein said web substrate comprises a conductor layer on a plastic substrate in which said conductor layer is coated with a radiation sensitive material.

- 25. The process of Claim 23 wherein said conductor layer is ITO.
- 26. A process for manufacturing an electrophoretic display comprising the steps of:
- a) filling the cells with an electrophoretic composition comprising charged particles dispersed in a dielectric solvent or solvent mixture and a dispersion of a sealing composition which has a specific gravity lower than that of said dielectric solvent or solvent mixture; and
- b) forming a sealing layer above the dielectric solvent or solvent mixture by solvent evaporation.
- 27. The process of Claim 26 wherein the sealing layer is further cured by radiation, heat, moisture or oxidation during or after solvent evaporation.
- 28. A process for manufacturing an electrophoretic display comprising the steps of:
- a) filling the cells with an electrophoretic composition comprising charged particles dispersed in a dielectric solvent or solvent mixture;
- b) overcoating onto said electrophoretic composition a sealing composition which is at least partially immiscible with said dielectric solvent or solvent mixture and has a specific gravity lower than said dielectric solvent or solvent mixture; and
 - c) sealing said cells by solvent evaporation.
- 29. The process of Claim 28 wherein the sealing layer is further cured by radiation, heat, moisture or oxidation during or after solvent evaporation.
 - 30. An electrophoretic display which comprises:
 - a) first and second electrode plates;

Α,

- b) an array of cells enclosed between the two electrode plates, each of said cells is filled with an electrophoretic composition comprising charged particles dispersed in a dielectric solvent or solvent mixture and is individually sealed by a sealing layer;
- c) an adhesive layer between said first electrode plate and said sealing layer; and
- d) a polymeric layer between said electrophoretic composition and said second electrode plate.
- 31. The display of Claim 30 wherein said polymeric layer between the electrophoretic composition and the second electrode plate is formed of the same composition as the material constituting the cells.